

Datasheet for KOA0783**Human SPARCL1 ELISA Kit****Overview**

Description:	Human SPARCL1 AccuSignal ELISA Kit - KOA0783
Item No.:	KOA0783
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	46.9 pg/ml - 3000 pg/ml

Product Details

Background:	SPARCL1 (SPARC-Like Protein 1), also known as HEVIN, is a protein that in humans is encoded by the SPARCL1 gene. The cells in high endothelial venules (HEVs) in lymphoid tissues have a plump, almost cuboidal, appearance and support high levels of lymphocyte extravasation from blood, possibly due to the presence of desmosome-like junctions rather than tight junctions in the HEVs. In chronic inflammation, the activated endothelium of nonlymphoid tissues acquires an HEV-like morphology and function. SPARCL1 is highly expressed in HEV and is thought to contribute to the induction or maintenance of features of the HEV endothelium that facilitate lymphocyte migration.
Synonyms:	Ecm2, Extracellular matrix protein 2, Hevin, High endothelial venule protein, MAST 9, mast9, Matrix glycoprotein Sc1, PIG33, proliferation inducing protein 33, RAGS1 antigen, SC1, SPARC like 1, SPARC-like protein 1, Sparcl1, SPRL1_HUMAN
Detection Kit Type:	ELISA Kit
Detection Range:	46.9 pg/ml - 3000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	SPARCL1
Reactivity:	Human
Immunogen:	Expression system for standard: NSO; Immunogen sequence: I17-F664

Purity/Specificity: Natural and recombinant human SPARCL1. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:

- [UniProtKB - Q14515](#)
- [NCBI - NP_001121782.1](#)
- [GeneID - 8404](#)
- [KOA0783 Protocol](#)

Application Details

Tested Applications: ELISA

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 3000pg/ml, 1500pg/ml, 750pg/ml, 419pg/ml, 188pg/ml, 94pg/ml, 46.9pg/ml human SPARCL1 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates or serum to each empty well. We recommend that each human SPARCL1 standard solution and each sample is measured in duplicate.
2. Seal the plate with the cover and incubate at 37°C for 90 min.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Shipping & Handling

Shipping Condition: Wet Ice

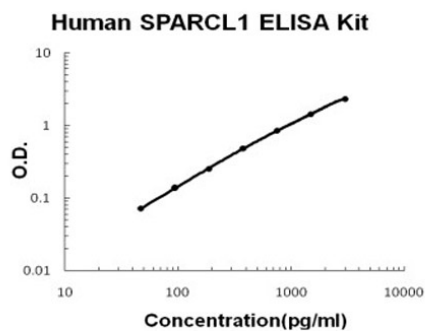
Storage Condition: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Expiration: See kit insert for complete instructions.

Images

ELISA

Human SPARCL1 ELISA Kit standard curve.

**Disclaimer**

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.